

Converting Colors

YUV(49.6260, -22.9866, -0.5490)

Have a look what the booklet for
YUV(49.6260, -22.9866, -0.5490)
contains.

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Color

**YUV(49.6260, -22.9866,
-0.5490)**

Conversions

Conversions Part 1

Format	Color
Hex	313B03
RGB	49, 59, 3
RGB Percent	19%, 23%, 1%
CMY	0.8078, 0.7686, 0.9882
CMYK	0.17, 0.00, 0.95, 0.77
HSL	71°, 90%, 12%
HSV	71°, 95%, 23%
XYZ	2.8470, 3.7875, 0.6671
YIQ	49.6260, 12.0160, -19.5360

Conversions

Conversions Part 2

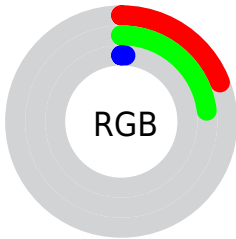
Format	Color
RYB	3, 59, 13
Decimal	3226371
CIELab	22.96, -12.63, 30.04
CIELCh	23, 32.585, 112.809
Yxy	3.7875, 0.3899, 0.5187
Android (android.graphics.Color)	4281416451 (0xFF313B03)
YUV	49.6260, -22.9866, -0.5490
Hunter-Lab	19.4614, -7.9446, 11.5905

Details

The YUV color **49.6260, -22.9866, -0.5490** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **12.3740, 22.9866, 0.5490**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.9250, -23.1340, 0.0658**, and **10.5660, -5.2090, -9.2664** is the 20% darker color. If you saturate the color by 10%, you get **48.9850, -24.1496, -0.8638**, and if you desaturate by 10%, it is **50.6090, -20.5132, -0.5341**.

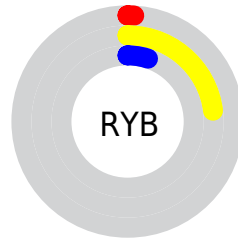
Distribution



Red (19%)

Green (23%)

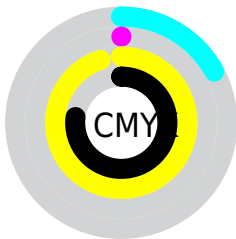
Blue (1%)



Red (1%)

Yellow (23%)

Blue (5%)

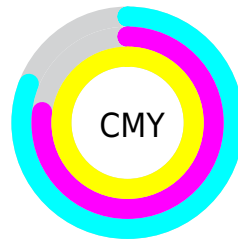


Cyan (17%)

Magenta (0%)

Yellow (95%)

Black (77%)



Cyan (81%)

Magenta (77%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.6260, -22.9866, -0.5490 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 49.6260, -22.9866, -0.5490 by changing the saturation by 10% instead.

■ 49.6260, -22.9866,
-0.5490

■ 49.6260, -22.9866,
-0.5490

■ 252.3780,
-10.0464, 2.2995

■ 29.7920, -14.6875,
-2.4486

■ 96.9250, -23.1340,
0.0658

■ 10.5660, -5.2090,
-9.2664

■ 122.1100,
-23.7182, 0.7805

■ 0.0000, 0.0000,
0.0000

■ 147.8820,
-24.5918, 0.9805


■ 174.6540,
-25.4654, 1.1804


■ 202.5400,
-25.9022, 1.2804


■ 230.6110,


-26.9232, 2.0952


 249.1860,
-22.2767, 5.0989


 49.6260, -22.9866,
-0.5490


 49.6260, -22.9866,
-0.5490


 48.9850, -24.1496,
-0.8638

 50.6090, -20.5132,
-0.5341

 51.5920, -18.0399,
-0.5192

 52.5750, -15.5665,
-0.5043

 53.5580, -13.0931,
-0.4894

 54.5410, -10.6197,
-0.4745

■ 55.4100, -8.5831,
-0.3596

■ 56.3930, -6.1097,
-0.3447

■ 57.3760, -3.6364,
-0.3298

■ 58.3590, -1.1630,
-0.3148

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.0520, -25.6616, 17.4944



49.6260, -22.9866, -0.5490



45.0880, -10.3964, -25.5102

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



49.6260, -22.9866, -0.5490



48.1700, 22.1012, -42.2451



53.6700, 4.1067, 36.2464

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



49.6260, -22.9866, -0.5490



12.3740, 22.9866, 0.5490

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.3780, 13.6176, 18.9625



49.6260, -22.9866, -0.5490



46.3750, 27.9161, -40.6709

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



49.6260, -22.9866, -0.5490



47.0640, 12.7864, -41.2751



54.1940, 22.5824, -9.8171



52.3040, -7.5449, 40.0754

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49.6260, -22.9866, -0.5490



42.7150, -1.3385, -37.4611



54.1940, 22.5824, -9.8171



54.5600, 7.6119, 31.9579

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



49.6260, -22.9866, -0.5490



73.2960, -9.0199, -0.2596



25.0270, -10.8593, 29.7943



35.9200, -5.3836, 0.0702



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.6260, -22.9866, -0.5490



64.0360, -31.5697, -0.9086



41.5530, -19.0066, -17.1480



30.3590, -1.1630, -0.3148



78.5000, -38.7005, -0.4385



184.7320, -91.0729, -2.3960

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



12.3740, 22.9866, 0.5490



12.9640, 31.5697, 0.9086



20.4470, 19.0066, 17.1480



28.3420, 1.3104, -0.2999



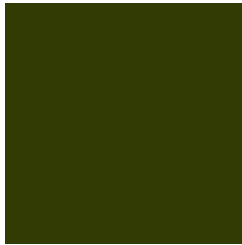
15.7990, 38.5531, 1.0533



37.2680, 91.0729, 2.3960

Previews

White Background



This preview shows how the YUV color 49.6260, -22.9866, -0.5490 looks on a white background.

Color Contrast Check

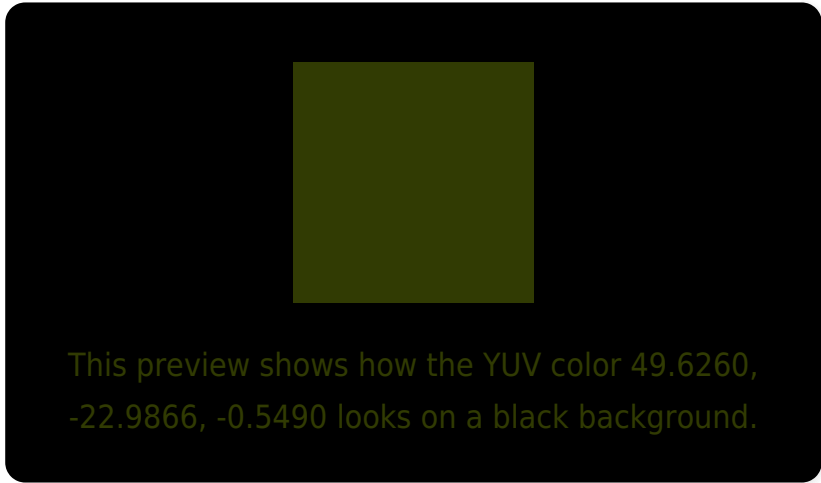
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

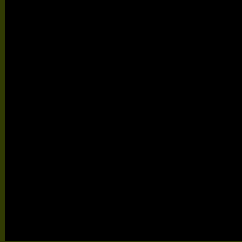
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 49.6260, -22.9866, -0.5490

Background



This preview shows how black text looks on a background with the YUV color 49.6260, -22.9866, -0.5490.



This preview shows how white text looks on a background with the YUV color 49.6260, -22.9866, -0.5490.

-0.5490.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

49.6260, -22.9866, -0.5490

Protanopia

50.8230, -25.0557, 9.8022

Deuteranopia

52.4090, -20.4146, 14.5503



Tritanopia

55.1570, 1.8946, -1.0147

Trichromacy



Original Color

49.6260, -22.9866, -0.5490

Protanomaly

50.0290, -24.1713, 6.1136

Deuteranomaly

51.7350, -21.5614, 9.0024

Tritanomaly

52.8660, -6.8359, -0.7595

Monochromacy



Original Color

49.6260, -22.9866, -0.5490

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.8230, -8.2937, 0.1552

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.6260, -22.9866, -0.5490 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(49, 59, 3)` looks like.

```
.text, #text, p{  
    color:rgb(49, 59, 3)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(49, 59, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 59, 3) }
```

Border

The CSS property to change the border of an element to YUV 49.6260, -22.9866, -0.5490 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(49, 59, 3) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(49, 59, 3) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(49, 59, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 59, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(49, 59, 3); box-shadow:4px  
4px 4px 4px rgb(49, 59, 3) }
```

Background

The CSS property to change the background color of an element to YUV 49.6260, -22.9866, -0.5490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 59, 3) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(49, 59,  
3) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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